



PATENT APPLICATION  
Attorney's Docket No. 1482-177

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Barrie Gilbert

Serial No.: 10/766.514 Examiner: Not yet assigned

Filed: January 27, 2004 Group Art Unit: 2816

**For: SQUARING CELLS AND MULTIPLIERS USING SUMMED EXPONENTIALS**

MAIL STOP MISSING PARTS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
AND REVOCATION OF PRIOR POWERS**

I, William A. Wise, Assistant Clerk of Analog Devices, Inc., having a place of business at One Technology Way, Norwood, MA, assignee of the entire right, title and interest of the above-described U.S. patent application, by the assignment submitted under separate cover for recordal (copy enclosed), represent that I am empowered to sign on behalf of assignee, as evidenced by the enclosed Officer's Certificate.

As assignee of the above identified application, all powers of attorney previously given are hereby revoked and the following attorneys and/or patent agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

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Date: 6/27/04, 2004

ANALOG DEVICES, INC.

  
 William A. Wise, Assistant Clerk



ANALOG DEVICES, INC.

OFFICER'S CERTIFICATE

I, Joseph E. McDonough do hereby certify that I am a duly elected and serving Vice President of Analog Devices, Inc. (the "Company") and that at a meeting of the Board of Directors of the Company duly held on March 10, 1998, at which a quorum of the Directors were present and voting throughout, the following resolution was adopted:

VOTED: *[Authority for Patent and Trademark Registrations]*

That any Officer, the Clerk and Assistant Clerks of the corporation hereby are authorized and empowered in the name of and on behalf of the corporation, and under its corporate seal, from time to time, to execute and deliver certificates, powers of attorney, applications or other instruments with respect to any patent, trademark, copyright registration or application of any of the foregoing or for the protection of intellectual property in any country in the world.

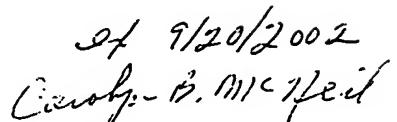
I further certify that the following named person is the duly elected and serving Assistant Clerk of Analog Devices, Inc. and that the signature appearing adjacent to his name and title is his signature.

William A. Wise, Jr.  
Assistant Clerk

A handwritten signature of William A. Wise, Jr. in black ink.

IN WITNESS WHEREOF I have executed this Officer's Certificate as of this 30<sup>th</sup> day of March 1998.

(SEAL)

  
Joseph E. McDonough  
Vice President, Finance &  
Chief Financial Officer  
9/20/2002  
Joseph E. McDonough